

Rec^d Sept 1st 1870

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Office of the "Utah Geologist".

St. George Utah, 22 Aug. 1870

Dr. Geo. Engelmann

St. Louis Mo.

My Dear Sir

Your favor of

4th Inst was last mail received & I
take great pleasure, in thus making
the commencement of an acquaintance
that I trust will be developed with in-
creased interest & pleasure, for I am
an enthusiastic lover of nature &
delight in daily perusing her opening pages
to me ever new & exalting - Being an
ignoramus in the Science of botany I
shall be unable to reply to your inter-
rogations, unluckily I fear, for when
I was of proper age to receive the inspi-
ration of a preceptor, I had none but
and only caught the rude names of the
simple minded farmers among whom
I was reared in the far off Empire State
but since my earliest wanderings for flowers
in those old Beech & hemlock forest,



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pod a dry Capsule. Pod not Edible.
2 Second a large leaved leafy white
blossoming variety. Stem about 6 foot
high. Curved with bloom magnificent
followed by apples size of an egg.
Soft & Edible, but a little bitter. The
leaves ^{2 ft or more in length} are fibrous & can be used for ropes
& without preparation are useful
in tying up grape vines &c. bloom
3 in May — The third is small
leaved & stem about 20 inches to 2
feet long. Stem 6 to 8 feet high. Curved
with white bloom. Pod so large as the best
& followed by seed pod. One inch & a
half in diameter when ripe. Dry &
hard seeds like the other black & flat.
4 The fourth the Indians can eat
or roast, & from the bulb they make
a most pleasant Edible. by roasting
& pounding up — Stem 6 to 15 feet
high. White bloom, seed pods — the
leaf short, thick, stiff, & has spines
along the edge — & all have sharp
points. The roots of Second & third
contain Gassin sap, equal to
Soap. make a good ~~studs~~ & is much
used in washing after washing 25
lbs or more, a large irregular bulb



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

There are a great variety of Cacti, & I really feel unable to give
you any intelligent information of
them, but will endeavor to send you
specimens of each by mail, as
soon as I can find them & begin to mail
them. I send herewith specimens of 2
or 3 sent, which are new to me.
We have some huge simple round
ones that are from 12 to 20 inches
thick & 3 feet high weighing often
50 @ 100 lbs. the one I sent is found
in our little scope of country about
40 or 50 miles south, & I am
often bothered to get some one to
hunt up & bring them to me. They
are single or simple & often grow
as large as you could lift. I will
send you one as soon as I can
get them - The flower is nothing com-
pared with some sent, we have
that are perfect & most magnificent.
We have a wicked tree like sent, profuse
with a yellowish green blossom, 4 to 6
feet high very branching, with a tidy
heavy top, often used as fencing
by setting sticks along an embankment.
We have seen various size of our
apple & so on up.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Aug 1 1870

5

4 then we have the large flat &
several other sorts of the flat
leaf, some of which have the largest
& finest bloom I ever saw

5 Then we have a round tall one
producing a large purple flower of great
beauty. these sometimes put up 3 or 4
heads & sometimes single, 3 inches thick
& 12 long - then larger ones with
compound heads &c

I shall be very much pleased to receive
from you upon any terms I can meet
any or all of the works you have
issued or edited, to add to my
library, which tho not much is second
best in this country - I have a
spring garden of as fine fruit
specimens as there is in the Rock Mts.

I learn that your Cactus specimens
are numerous & interesting & should
you have any nice ones, w^h are
not likely to harm I would thank
you for cuttings of such to add
to my collection.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Shall be happy to hear from you
as often as it may please you
to correspond to. I shall be
pleased and to fulfil your desires
for anything I can send you
from the resources of the wild
region.

I will send you seeds of
the purple, ^{flowering} long cactus, which pro-
duces good sized red edible fruit
that tastes like a Strawberry.

Hoping for mutual pleasure
& satisfaction in further ac-
quaintance.

I am very respectfully
Yours friend

J. D. Johnson

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec^d Oct 21
Nov 14

Johnson

St Geo. Utah Oct 9 1870

Dr. Geo. Engelman
St Louis - Mo

My Dear Sir

You will
pardon me for prolonging the reply
of your valuable favor of the
12 ult. recd 10 days ago, but have
very busy in wine making, & the
letter requiring some attention & thought
I did not like to answer in haste
& in fact I fear, that my reply
will be nearly unintelligible, on
account of my want of a
knowledge of the most simple
principles of Botany

I herewith mail you a leaf of
the large Yucca, and seed pods
& ripe seeds of, of the same
The other seeds I will send



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

what I can of the others when
more convenient.

I also send in Cigarbox a Cactus
different from any I have dis-
covered to you, & new to me —
The blossom or seed I have not
seen — *mammillaria near virens*

In another package I send
two specimens of of Cactus — One
Opuntia hirtellensis similar to one of the two specimens
I sent you some time ago in one
parcel — The other is the long
slim one that grows single or
Cereus Engelmannii in clusters of from two to a dozen
& bears the handsomest & richest
flowers, (bright purple) I have
seen — I shall send you others
along as I can get them.

I have not heard a word from
our friend the Dr. for 2 months &
I think he must have gone home.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN

Another way - I sent ~~two~~ ⁹ Specimens
of two different Cactus - both flat
but one narrower & taller than the
other - Our Climate is warm ranging
(mercury Jan.) from 25° in winter to 112° in
greatest heat in shade in summer
at midday ^{at noon} freezes about as
much in winter, some years a
little snow & some winters we
don't see a snowflake - I think
that the Cactus here are nearly hard
The Yucca growing 40 or 50 miles South
I have growing in my garden, but
no bloom yet - Those who have seen
them say they have a dry Capsule
but I have no further evidence
nor have I yet been able to get
flowers or seeds - Shall look out
carefully for flowers & seed, next
year - The Yucca Coccata has
a stem, flowering stem 2 to 3 feet
high



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

⁴
about the leaf crown, the leaf
stem denatures, in an old plant
is 2 feet or more high & the root
~~like the large dent~~ is used instead
of soap as an Erasin, - The
Yucca angustifolia, I doubt
not is the same you describe
the root of this too is used for
soap, & also by the Indians
called "Oase," - It is like
the Aloe plant as near as I
can remember. It has seeds,
& I doubt not is propagated
them - will try & get seeds - & have
leaves, stem, & seed pods to send
soon, -

The big Cactus I spoke of I
sent to the ag. Dept. but will
as soon as I can send you
one of the same. I have a
promise of some being brought
me - The prolific hand-drawn
blooming one is flat, & bears
edible fruit - The tree like
Cactus does not answer your
description of the New Mexican



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Oct. 21

5

Sent in this grows a Shrub
and top of 4 to 5 feet high
with full tree like top & full
branches & flowers of yellowish
green or greenish yellow,

There is no berry or fruit but
a dry Spiny Capsule

The Round tall purple flower one
I send you, herewith, - for my
use & edible, seed small & black
I believe the seed sent is from the
huge one spoken of before

The seed I sent you if not the
same is very similar to the
one I sent to Washington

As to Pines & firs & other trees
evergreens I don't say much
for I know very little, I will
get cones & leaves - It is 40
miles from Pin. Mountain where
they grow - As soon as
I can get them any to
bring them to me will send



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

is to paper Mrs. McAllister
mostly foreign sent, & home
Seedlings, the latter, of which
we have some very fine
The former we get from
Cal. N.Y. Southern States
& every where, I have
the McAllister family & others
you had so do bearings.

I sketch a cactus, but by
wall or fence in garden
& they take root & grow
right along no trouble

We are in a valley sloping
off to high mountains 20
miles off or more, rough
ragged. Jagged, black, scree
& worn red sandstone. Full
of the country, torn down
by winds & water runs
Almost impassable.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN

without working - Timber
scarce, in the low mountains,
cedar - scribbly & branching
in high ones. Pine the
most of the mountains, and
are bare rocks - sometimes
partially covered with low
stunted shrubs or shrubby
weeds, - There are several
distinct Craters, none of
more recent origin than
those that capped some of
our high mountains with
black scoria or melted granite.
It is the wildest
country, geologically you
ever dreamed of.
If the books are more
than 4 lbs weight, they
cannot carry mail
unless franked by a N.C.

0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN

8

and as they are Pub. So
they may be then, sent
with all propriety & perhaps
your Rep. or Senator would
thank them with pleasure
as they often have ~~been~~ done
for me — If this plan
is impracticable, we
must devise some other. —

Charlie My little man of all
work 14 years old. My Son
Printer, Botanist & gardener
Diggerist & everything else
has been putting up the Cactus &
talks much about you & the
books, & is very anxious to
see them — He seems to full almost
acquainted with you & longs
to see your Collection of Cacti
He is quite a florist and always
goes with me in botanizing
& has great taste & talent that
way



0

1

2

3

4

5

6

7

8

9

10

cm

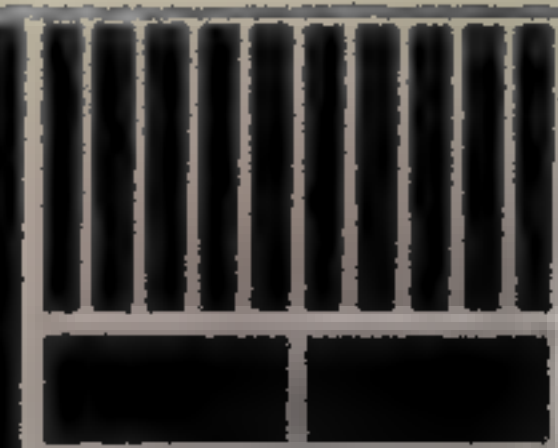
copyright reserved

MISSOURI
BOTANICAL
GARDEN

Oct 21

9

As the American Pomological
Association hold its next Convention
next Sept. I hope to be
there & that somehow I shall
meet you. I have the honor
of being Vice President for
Utah of that time honored
institution. I am more
of a pomologist than
botanist, a great admirer
of flora, and perhaps later
more pains will be given a
better & larger assortment
of fruits & flowers than
any one in Utah. I
don't that don't say much
for me but Utah will
come out in fruit yet
& be among the best states
for fruit in the continent.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

This year I grew peaches 13
inches in circumference &
weighing 13 lb - grapes 3 inch.
in circumference Apples 1 cup -
enough & pears 2 lb

I have also a new seedling
Hybrid Cherry, cross between
Plum & Cherry & another one
between plum & peach, the
former has fruited &
is excellent & very productive.
A great Count. here for Hybrids of
many things, - Can't grow Melons
Squashes or any such things here
they crop so easily & even the
best fruit, - Glad to hear from
you always, & often - If you
could send me small cuttings of any
tall branching or otherwise fancy cactus
from the south I should be pleased
to receive them truly yours,

J. E. Lohm



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec^d Jan 11

Am July 17

St. George Utah Jan 28/82

Dr Geo Engelmann

Dr Sir

I rec^d your
much esteemed favors two weeks
or more ago & the letter I took
such care of, that I cannot find
any thing of it & so am unable to
send a line in reply to answer
it. I have very often been expecting
to find it & so have delayed.

If the queries you made or wishes
expressed are any way important
to me, be so kind as to repro-
duce them & I will try to do
better. I have had near 100 of
my family friend with me for
some time & thus my neglect
of my friends out of sight.

I thank you for the books they
really are delightful & Charles



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

will go into school and
then come home. He
has been gone over a month
on his first business trip to
Salt Lake City - 350 miles, &
look daily for his return.

I should be much pleased
when I able to put Charles to
school and find him and
understand some more like
formerly taken lessons in that
science which I much advise
but Ah Me! proving is a
very unpleasant workmate.
The line & hope - & hope & work
on - & I guess it will all come
right.

Do for your & wife ever

Yours to

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

J. L. Johnson



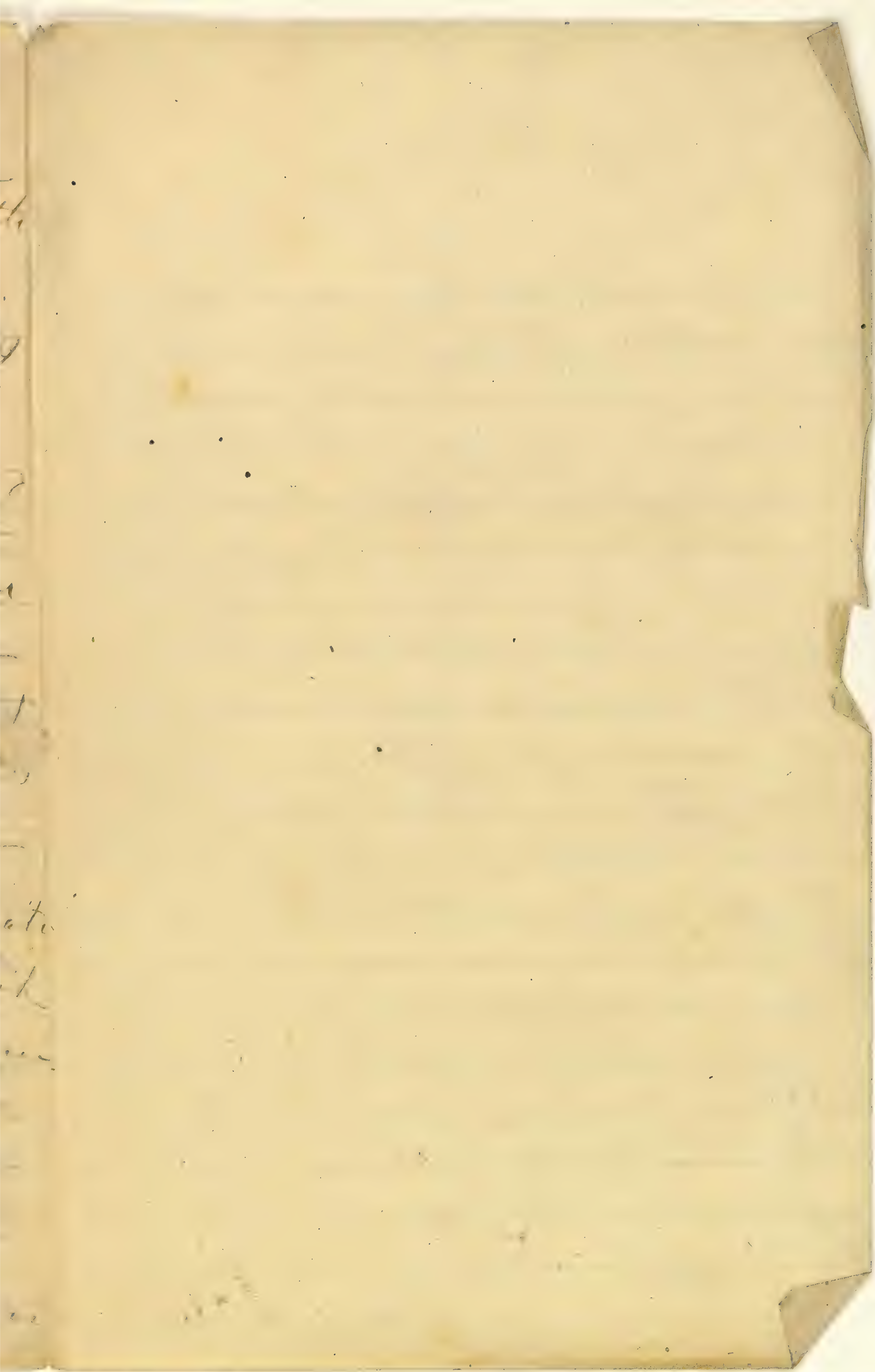
0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



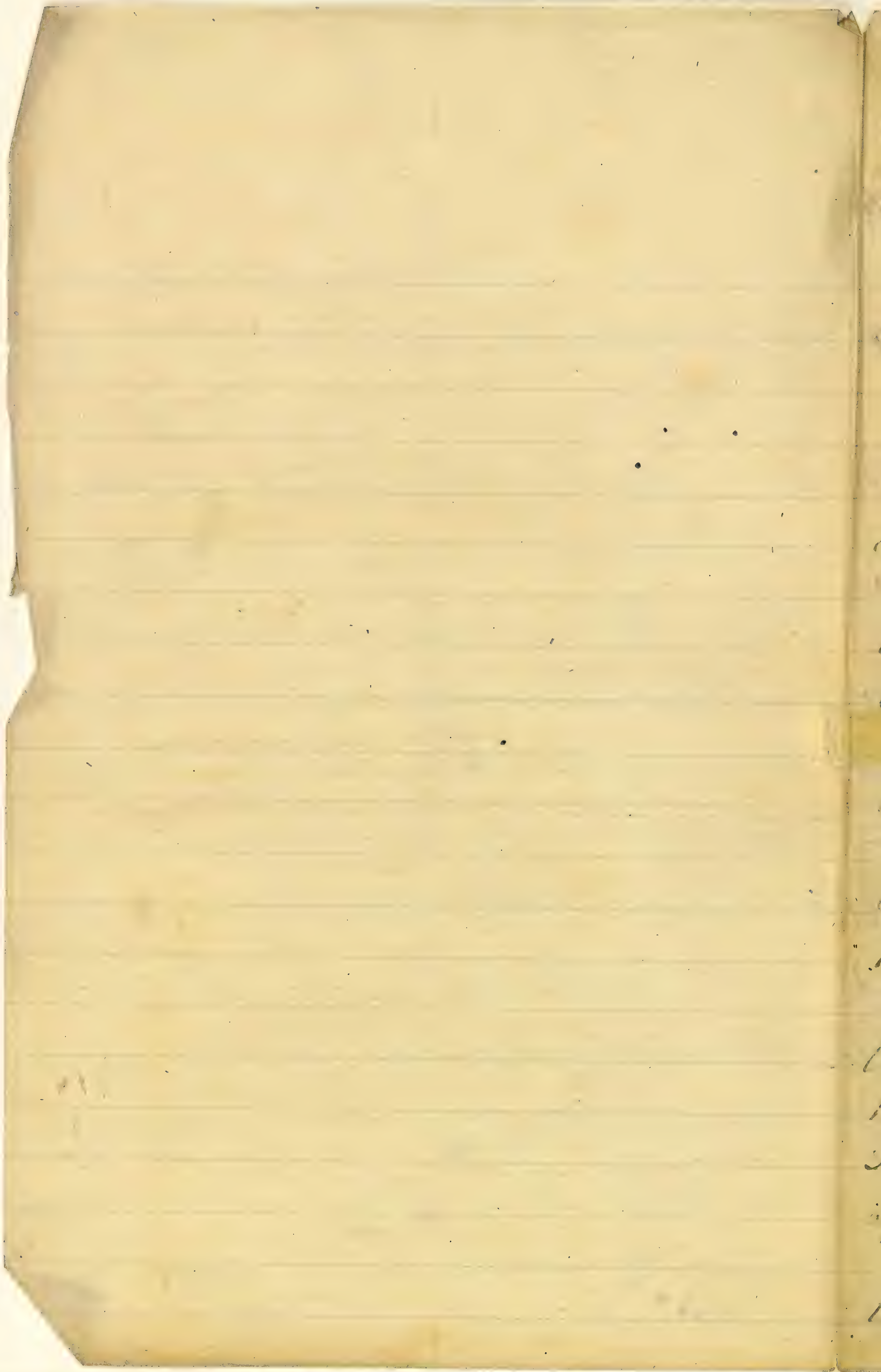
0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec^d Aug 23^d
at 26

St George Mah Aug 13/71

Dr Geo Engelmann

My Dear Sir

Forgive

my stupidity & negligence. It is
so hot I cant write or think
& can do nothing worth a cent
tho I have managed to get a
few seeds of that Giant Yucca
or what is here called "Joshua"

I got the mail rider to go off to the
fields where they grow & hunt
& so - glad news - last night he brought
me the first of them I ever saw
or heard of any one finding

Well as I cant answer your
letter in full with anything intelligible
I will not attempt it - It was
occured too late to get flowers
from any of the sorts, but will
turn for the seeds to send you



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

We have had no rain to wet
the ground for a year & so
so everything outside of water
is dried up almost
few desert plants excepted
I send you few Convolvulus
a new tree species & I believe
the most graceful & beautiful
Yucca! — Magnificent in
the world — I have a few
small plants Convolvulus
you one if needed — Scale
or what is better plant now
+ they will come up in spring
You thanks for promise of
the book — we are looking
forward & do our everything
Just need better from natural
friend Palmer (but Skinning
fishes — he is well of all things
on Oysters no doubt

0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN

Will we are refusing upon
grapes, apples, pears, peaches
plums, Mulberries & anything
more - & that I could send
you a few Muscades, Prunifera
Muscats or something as nice
than 50 varieties, bearing
this year & peaches & apples
weighing 6 lbs to the doz.

He send me seeds of any new
or elegant Cactus - large flower
- tall or columnar: nice
- of any other thing beautiful
or specially interesting.

Will it is about mail
him & Charlie waiting for
last letter to start - He wishes
to be kindly remembered &
often speaks of you & wishes
he could visit you & see



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

your Collection

Wally & Mary Jones

J. L. Johnson

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

St Geo Jan 24/ 1848

Friend Englem

CAL GARDEN
INN PAPERS

Dec Feb 14
An May 21

My dear Sir

of 10th inst is just received
I hasten to answer in the narrow
note - in short - I did not receive
your note referred to - no harm has
befallen me! I'm here; & like to be!
have only been as far as Salt Lake
350 miles - to see friends - attend our
State fair, & conference - & then come
back & dig away - work hard,
make small money & live - thin
Well - so I got that floral work
- thank you - & noted your generous
words -! thank you! -

Last year no rain - was a bad
one for botanizing - so discover
very light - shall do better when
we get a year of rain -

shall seek earnestly for the flms
of that "agave" & you shall have
them as soon as it is possible
for me to obtain them

I will also send plants of the
Yucca you mention when
a little warmer - I hear from
Doct^r Palmer - He is a good soul
& a full blown gentleman & I like
him more as a acquaintance pro-
gresses - I wish he would come
out here again & go with him
we would kick up our heels on
the highest peaks & play snook
among small holes &
Pine trees - wouldn't we?



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

The Dr has sent me fine ass.
of Shells - plants & in fact all
and more - than I ask. - He
promises & performs - that the
sent of men for the ag - one can
depend upon him.

- Well I am opening more ground
for garden - Very, very, busy &
trying hard to have something
nice some day when you
come along - planting out more
& better fruit - flowers - plants &
ornamentals - trying to go up
to 10 acres in a new place - next
to the City east - have plenty of nice
ground but short of water which
we have to find - I have a
small conservatory & mean
to build a green house next fall
if I don't go to Boston 10 Sept to
attend the Am. Pom. Convention
which I ought to do, being appointed
delegate from Utah -

I shall thank you for specimens
of cactus or any fine plants
from other regions than this

There is a delicate Climbing
cactus - of zig zag shape I have
not - & would like - & my friend Sam

Chandler has just returned from Salt
Lake & is now in the office
getting out Pomologist - We
have had no snow - one rain
& some frost - I saw a snake
out the other day - & heard
& ants daily - looks like storm
now - Cold month, wind, hope
we may get rain - do write
often - anything in way of activity
making matter up with Clark &
prospect of S. Johnson



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Recd July 15
or Sept 17

St George Utah June 30 1873

My Dear Fred Engelman

Yours favor of
10 inst received last mail - & I have been
looking about to see what I can do
but find all but one sent you name
is missing from 6 to 8 miles so I cannot
say what I can furnish nor at what
price - The little yellow grows near
here - the *Brenfoelia* about 5 miles &
I have not yet learned whether it has
seed this year, but have sent by the
mail *Cornia* to you - The *Baccata*
can be got in about 10 to 12 miles
& the *Agave* about 15 - all in diff-
erent directions - I will go to work
& collect what amt is ordered & charge
only according to expense & trouble I
am at if you say so - It would not
hurt me to exchange - distance



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

& risk too great - I will try some-
thing in the future to make an herbarium
of native plants - but I can't just
now for we have to scout in this
new region to get along & live, & have
as yet little time for untired ways
or to do what fancy might inspire
but hope cheers on & beckons us
forward, & sometimes to daring
projects - I have but a few moments
to finish this to get into the mail
so you will pardon its brevity
Meaning yours truly

J. C. Johnson

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

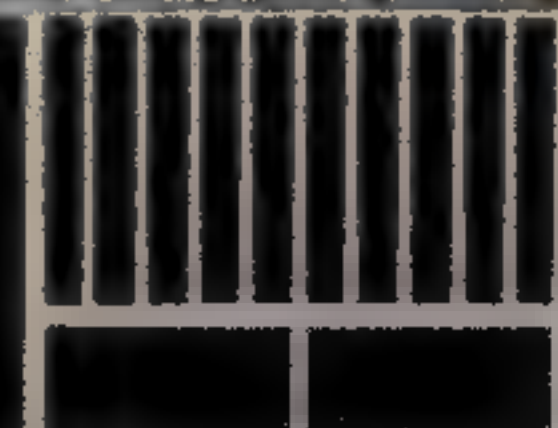
Rec^d Nov 26

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St George Utah Nov 16 1873

My dear friend

I have been
absent from home, sick, for about
2 months & find among the accumulated
papers a kind letter which I must at once
at first moment. My health is now
improving & I hope to be out by next week
on a few days. As it is now too late
to write to you at length I will write
I can do nothing till next day & you
know how. So if you will give me
just what I want I will make
the proper endeavours to fulfil your
wishes at the proper season. There
were no seeds on the "Anemone". This
year we have a very large quantity
of seeds as soon as they grow
I have no small plants but many seeds
& for some if you should be interested
I would send the 2 vol of Pachira and
the Botanical Explorations
and always the light & the oil.



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

From paper
I wish to hope the many still to
continually remember me and
be impatient to see Colting. I am
of course not going home
I have a lot of business to do
all of Stationer's business - I am
I did hope to go home to Boston but
left but was disappointed very much
much - possibly the weather - but
but that was my great objection, I was
it succeeded I hope to have called
upon you - but let us hope we may
meet in Sept. in Chicago I have a good
time - Did you get that New Carrot
I sent you the young? It is very important
If you send packed it will send you a
box - I have succeeded in standing to
location is fine, some part, but has been
Still Carrot, my pollen - many of many
flowers still blooming
Please let me hear from you often
I believe the new canal goes in
Cincinnati to be built - I am
very much interested



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rev Oct 3^d

Ans - letter of Aug 31
Sept. 3. 8. 10

OFFICE OF

Utah Pomologist & Gardener,

J. E. JOHNSON, Editor and Proprietor.

St. George, Utah. Sept 24 1878

Dear Land Englemann

Yours letter, one has

to PO order recd & we are gathering
up the things or doing where Chamberlain
has stored for well look with
them in about 2 days - but it will
not do to send such things by express
charges will be so high & the time will
not be worth the trouble to
go by freight. as I have often found
by ordering sample boxes from
the Coast always some defect in
your line - sorry to say the present
order has not made a bad this year
nor is a good - sent Charlie across &
spent several days but could not find
even a good - Most or all of other
things & some more will be sent



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

The cedar you ask for has a bluish
berry with hard dry stone or pit.

When Chandler gets to Salt Lake he will
carefully find out whether he can
send by express or freight - of course
as yet I cannot tell much as to what
the weight will be - you might drop
him a note there in case of Dr H. J.
Richard. If you think of anything
you would like to suggest - He will
not be in Salt Lake before 1st Dec.

We have gathered some other
seeds which we will send you to
Hatch week see as you think best
of your participation - Hoping
you have had a pleasant time
& will yet find time to come to
see us & be satisfied upon the best
point you can possibly afford
to secure you it would give
us great pleasure to get your
by the way. Let me see you
with the most of our friends.

MISSOURI BOTANICAL GARDEN

GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

St Geo 1st Dec 18th / 4

Rev Dec 12th

Mr Englemann

Charlie has but
just returned from the north after
near 2 months absence - in
which time I have been sick
& disabled from attention
to business - He packed up
box of 125 lbs containing all the things
you ordered, which he took up
went almost on purpose - found
express charges so high. he did
not send that way so wanted
will I sent by freight, & I hoped
you had received it long ago
but not from Dr. Parry pleases
me - says you had not got the
box - but you must certainly
have received it ere this reaches
you - Should write you more
at length, but I am sick with
lung trouble & this is my excuse
for inconv. - Please do write &
say how it is with you & if the
box has arrived

amantion my best regards



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

United States Postal Card



WRITE THE ADDRESS ONLY ON THIS SIDE-THE MESSAGE ON THE OTHER

To *Dr. George Engelmann*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St Louis

Mo.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec^d Jan 23
Am Febr 3

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Will you please send the \$40 in
Postal order to

Weed Sewing Machine Co

Hartford

Conn.

As soon as you receive it —
+ Okey D E J —

There is no chance for any of the seeds now
nor before they grow — The Yucca Brevifolia did
not fruit last year — Can get all the plants
you have named and will ship you
same as soon as weather will answer for
them to be sent over mountains — Charges
for transit by express is very high & would
cost to you from 40 to 50^{cts} I believe — Shall
I send by freight? — Shall have to
guarantee charges or they refuse
in either mode —



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Dr Geo Engelmann

My Dear Sir

Your welcome

favor was today received and I thank
you for the kindly & generous expressions
contained - & also for the friendly interest
manifested in our welfare - I have noted
with care the order for more plants & seeds

There is no chance for any of the seeds now
nor before they grow - The Yucca Brevifolia did
not fruit last year - Can get all the plants
you have named and will ship you
same as soon as weather will answer for
their transit over mountains - Charges
for transit by express is very high & would
cost to you from 40 to 50^{cts} I believe - Shall
I send by freight? - Shall have to
guarantee charges or they refuse
in either mode -



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

There are no seeds of any of the Cacti
now. Nor will be till they bloom again.
Our Climate is rather dry - no dews except
in well watered grounds - In summer
mercury runs up to as high as 110°
in shade but usually for June July
& August average near 100° , with cool
nights & a nice breeze every day - so the
heat is not felt as with you - In winter
mercury runs down only a little below
freezing - as yet not a snowflake & ground
open - We have not yet succeeded with oranges
but shall I think be wise to try almonds - Cotton
&c & I think we are almost directly west
from St Louis - I have to go to Cincinnati in
Sept & then must call & see you - I shall inform
you before I ship things - How does your
collection of Cactus & Cereus get along -? If
you have space sometimes I should like a
little plant of any nice sent me I don't have
before closing I will tell you how to send
money - Yes we have money order office
Do write sometimes my truly yours J. Bolander



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec^d April 22^d
an May 19th
OFFICE OF
Utah Pomologist and Gardener.
J. E. JOHNSON, EDITOR AND PROPRIETOR.

St. George, Utah, April 12 1873.

Dr Geo Engelmann

My Dear Sir

Your letter of 30th

with a very valuable favor of seeds has
just this evening come to hand, and I
am very sorry to have to make excuse
that the goods you ordered were not
sent as desired. but you have no idea
of the cold stormy weather we have
had all the spring, not more than one
day at a time but was bad - and in
order to get some of the plants we have
to go over a mountain of snow, and
the pines are yet under snow deep
& no seed - I wrote you immediately
on receipt of your last previous
letter & told you I would get the
things as soon as possible but could
not as quick as you wanted.

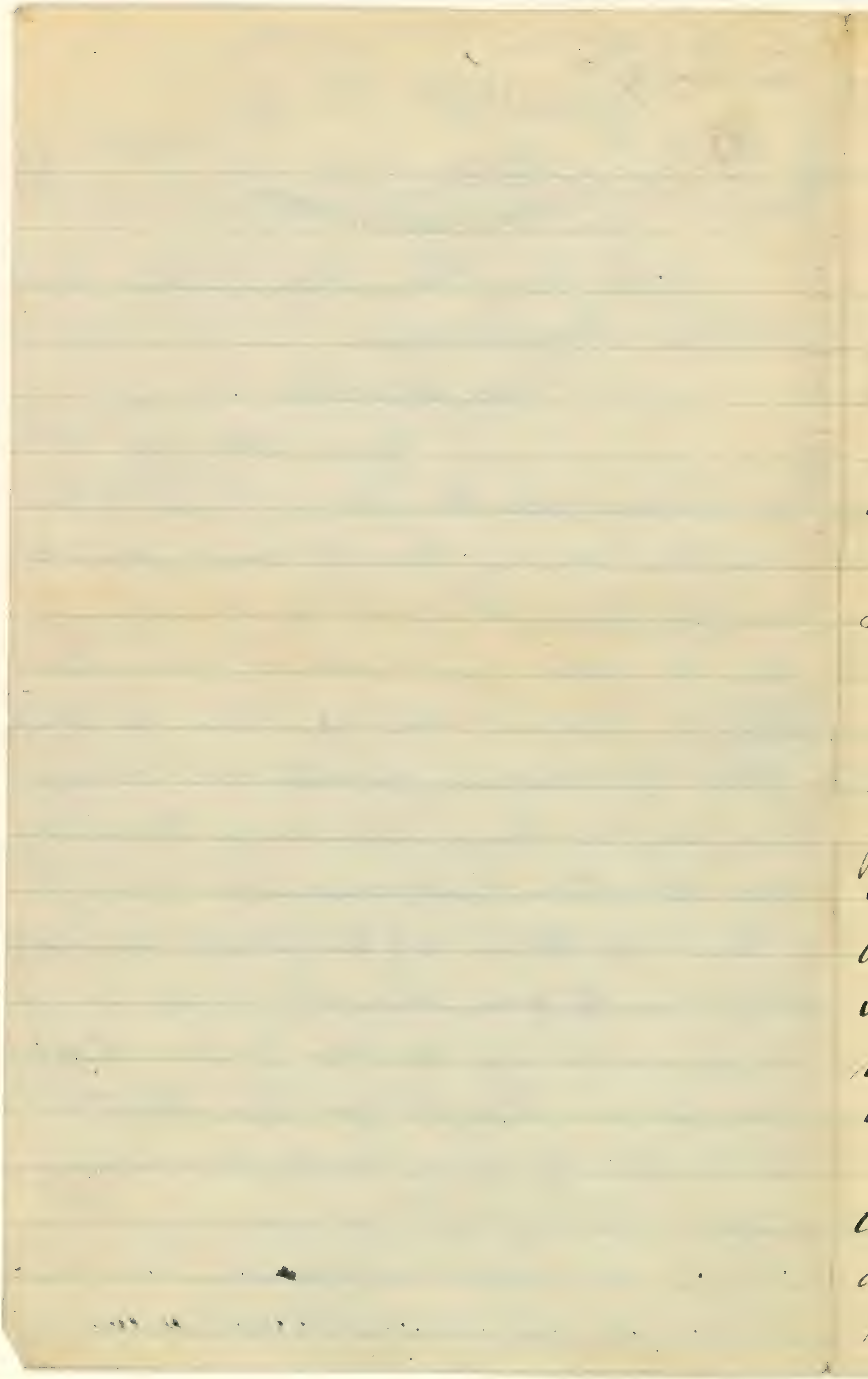


0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

I has up to date & even is very cold & snowy. Road blocked over the Mts & a few days ago snow was 3 feet deep betwixt here & Lake City - & even to day has been snowing on the Mts in sight - so I have been afraid delays & frost would spoil the plants.

Charlie will start tomorrow for the Joshuas, & collect the other things & before the week is out will have the plants desired under way by express, I guaranteeing the payt of Charges, & as road is now open you will likely receive them in 10 days after being sent - & I remember your instructed me in future at all times to send plants by express altho it was much more expensive.

I thank you very much for the generous & valuable collection of seeds you have sent me - really the largest assortment I ever had



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

I shall prize them very highly,
& am for them that I may
see & enjoy the great beauty
fragrance & bloomings - I am
constrained to say, the contribution
is magnificent & unexpected
as it was undeserved.

I think you must sincerely
I shall expect you first to help
yourself to what you desire from
the parcels sent - O for the
money, was safely received as
sent & our sewing machine is
now in S. Lake City awaiting better
roads to come to us.

Wishing you every happiness your
generous nature can wish.

I am very truly yours
J. S. Johnson



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec April 26th

St Geo 15 April 1876

Friend Engelmann

We have just got
box ready. which is to go to express office
today - The Charges are rather large
& I have been obliged to guarantee
payment - I should have sent a
box of twice the size only I feared
expense would be too heavy - I will
at any time now ^{future} make up box or boxes
Send in any way you suggest
by mail express or freight, and be
satisfied with whatever the result
may be, provided you divide with
us whatever may be proceeds -
I am not satisfied that you should
do so much for nothing

Money is very scarce here & we are
glad when we have chance to
realize even so little for our services



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

And shall be thankful to you for
favor of any orders on terms
named - The box now sent, if too
late for use intended, take no trouble
but use the plants for your grounds
- You are very welcome - and
such course might be means of
further orders, from your friends
which would be very desirable
& full pay for our trouble
We have nice little team with Spring
wagon which is intended for Chantier
to use this summer in making collections
The Yucca Brev. is in bloom & if
seeds follow we shall take good care
to make large collection - and also
of any other things you find marked
for - A thousand thanks for the
magnificent collection of seeds
I am storing in the soil

With kindest regards
Very truly
J E Johnson



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Office of
Utah Pomologist and Gardener.
J. E. JOHNSON, EDITOR AND PROPRIETOR.

St. George, Utah, May 30th 1876.
Dr. Doctor.

Yrs. acknowledging
receipt of Box, & desiring speci-
mens of the cactus we just
recd. Sorry the plants were
too late, hope you will still be
able to do well with them. We
had somehow misunderstood
about the large agave you
wanted for sample. Will send
some in next box.

Have been
looking for Flowers of the Cactus
you wanted, but fail to find any
found couple of dry ones &
have put in bottom of box.

There is a mistake about
its being prostrate, as it
stands sometimes 4^{to} 5 feet high



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

in ~~the~~ a northerly direction,
some 20 miles it gradually
becomes ^{more} prostrate, but not
wholly so. I send also, two
small rooted plants. If you do
not need all the cuttings, I think
they will grow. Have rooted
them here without any trouble.
Have been very sick with
troublesome affection of the
kidneys. Am just getting out
& able to walk round. Weather
changeable. Hot enough to
scorch hair off your head one
day, & wind & cold enough to
have a fire the next &c.

Hoping to hear from you
soon, & that the plants sent to-day
will be satisfactory.

I remain

Yrs Truly

H. Johnson
P. C. C. D.

P.S. We have been sending
this cactus out as
Op. Echinocarpa.



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec^d July 3^d OFFICE OF
Am. May 14th 77
Utah Homologist and Gardener.
J. E. JOHNSON, EDITOR AND PROPRIETOR.

St. George, Utah, June 22 1876.

My dear doctor

Your favor just
recd - will send the cactus
wood you desire so soon as
we can find a specimen that
suits us -

I have been wondering
if some good Specimens of Cereus
& Cactus, as well as Yucca &
& Agaves, could not be disposed
of in St-Louis through some
of the Minersmen or florists

I should willingly risk the freight
to R.R., you pay R.R. Charges
& we will divide the receipts -
Could send large & attractive
plants that Must sell.

Sorry to say that many of
the seeds have failed to grow



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

a few seeds only yet germinating
shall try again — The flowers
of that tree Cactus are yellowish
green — It is always erect only
when it creeps up into Chiricahua
to Calce — then its prostrate
shall look out for seeds.
for you — & anything else
you want — It is 25 miles
to the places where we find
yellow U. — I speak of selling
plants there, on account of the
very great scarcity of money
here — we should be glad to engage
in anything honorable that
would return us even small
sums in cash —
Very truly yours
J. C. Johnson

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

J. E. JOHNSON,
Commission Merchant,
And Dealer in
DRUGS, MEDICINES AND STATIONERY,
Groceries, Provisions,
Fresh, Dried and Canned Fruits;
Nuts, Candies, Perfumery and Fancy Goods,
Also, Lumber, Shingles, Lath, and Builders Hardware,
SILVER REEF & ST. GEORGE, UTAH.

Rec Oct 25th
Am Nov 5

St George N 16 Oct 1877

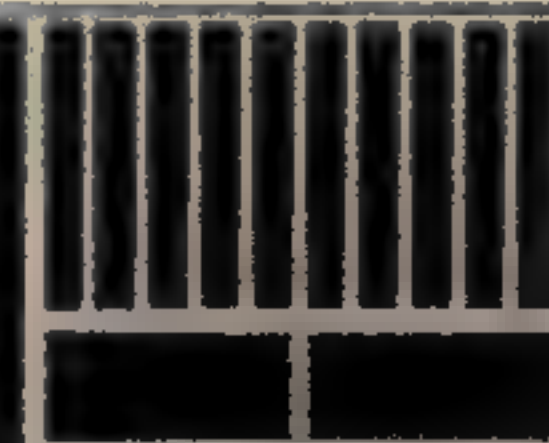
Dr Geo Engelmann

My Dear Sir

Your favor
this' evening received. Am sorry I
was not able to send the Seed of the
"Tree Cactus" Op^a Echinocarpa, but
we have in many places looked
for them, but not one seed have
we been able to find this year.

When they do Seed, you shall have
all you want + mention will
send you freely, all Cuttings you des-
ire if that will answer you.

I did not wish you to pay anything
unless recommended from your Correspondent
+ I regret that you have done so for
that was not right as I held you
entirely irresponsible in the matter
for a Cent - neither should



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

I on any other order as I am
satisfied you do it to help me
& others - instead of yourself
& I am very thankful to you
for all such favors, as efforts
to disprove of native plants.

The Cotton Cactus has no ripened
seeds - If you have any desire
to send plants to any other
I shall be fully pleased to
take the chances for payment
without any responsibility on
your part - and I desire my
plants from the East still I
shall with pleasure send our
natives to any one desiring to
obtain by exchange

Very truly yours

J. E. Johnson

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Rec April 17
an — 17

Johnson

St Geo Utah Apr 6 1880

My good friend

I really would be
pleased once more to hear
from you & of your health
& prosperity — and of anything
interesting in your researches
Last summer I met with a
severe loss by fire at Silver
Reef 20 miles away — Stones, food
& property to value of 10,000. \$ all
total loss — I am here kept very
busy trying to retrieve, but it's
slow work — Please spare me
a few words & say if I can do any
thing for you — With best wishes
J. C. Johnson



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Native Plants of Southern Utah;

SUPPLIED BY

J. E. JOHNSON, St. GEORGE, U.

LIVE PLANTS, SEEDS, CUTTINGS AND SPECIMENS FURNISHED.

Mammalaria Grahami.

A small Cactus 2 to 4 inches high and 2 to 3 inches in diameter. Flowers pinkish, $\frac{1}{2}$ to 1 inch in diameter. Very handsome for window pot.

Mammalaria Phellosperma.

"Fish-hook" Cactus. Similar in size and appearance to the first named. In the centre of each cluster of spines there occurs from 1 to 4 which are curiously re-curved. Flowers pinkish, followed by a bright scarlet berry, $\frac{1}{2}$ to $\frac{3}{4}$ of an inch long.

Chlorantha. (?)

Much larger than the above; spines straight. Flowers yellow, opening at noon and closing in the evening.

Mammalaria Vivipara.

Larger than any of the above. Has a fine purple flower, 2 inches or more in diameter.

Echinocactus Johnsonii.

"Hedgehog." A very curious plant, 4 to 10 inches high and 4 inches in diameter. Has fine purplish red flowers.

Echinocactus

"Cotton" Cactus. Base of flower and afterwards seed pod covered with a fine cotton. Rare.

Cereus Le Contei.

"Turk's Head," "Nail Keg," "Beehive," &c. Grows from 1 to 5 feet high; 10 to 15 inches in diameter, covered with curved spines from 2 to 3 inches long which are often gathered for toothpicks. Attracts much attention.

Cereus Engelmanni.

Grows in clusters of from 4 to a dozen heads, 10 inches high. Has a large purple blossom $2\frac{1}{2}$ inches in diameter. This, with Op. Rutilla is the most free and handsome bloomers we have.

Opuntia Missouriensis.

"Pancake." Large flat leaves. Flowers yellow, 3 inches broad.

Cereus Fre'montii.

Grows in a cluster of numerous heads, making, together, a half ball. Flowers deep red, from 1 to $1\frac{1}{2}$ inches in diameter and 2 inches long.

Opuntia Rutilla.

A flat leaved plant, 12 inches high, covered with long hairy spines. Has an abundance of handsome purple-red flowers in summer.

Opuntia Acanthocarpa.

"Tree Cactus." From 2 to 10 feet high, branching, spines yellow. Flowers greenish-copper-colored. A fierce looking plant.

Berberis Fre'montii.

A shrub from 3 to 7 feet high, having bright yellow flowers, followed in autumn by a bladdery fruit, good for eating and preserves. Very showy.

Larea Mexicana.

"Kreasote Plant." A showy Evergreen Shrub, 5 to 10 feet high, leaves shiny. Covered in summer with lemon-yellow flowers, followed by white hairy seed pods.

Pansteris - White, fragrant - Scarlet Purple etc



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Dalea Johnsonii.

A very showy plant having racemes from 2 to 5 inches long of indigo colored flowers. Plants from 1 to 3 feet high. One of the handsomest of our collection.

Mentzelia Multiflora.

A small plant from 6 to 12 inches high, having a multitude of upright bell-shaped flowers $\frac{3}{8}$ of an inch deep, yellow, fading in a few days to white. Very showy.

Yucca Baccata.

"Bayonet Grass." Leaves dark green, 2 to 3 feet long, 2 inches broad at base, tapering to a needle-point which is not very pleasant to encounter after dark. Makes a plant, sometimes covering 6 feet in diameter.

Yucca Brevifolia.

From 5 to 30 feet high. Spines or blades 6 to 9 inches long, toothed on each edge. Blossom, a large cone, 10 to 15 inches long, of wax-like flowers. Very ornamental.

Yucca Angustifolia.

Leaves bright green, 1 to 2 feet long, $\frac{3}{4}$ of an inch broad at base, tapering to a needle point. Sometimes grows to the form of a tree, similar to Y. Brevifolia.

Agave Utahense.

A small plant, 5 to 8 inches, growing in clusters from which, each year, one or more of the heads send up a stem from 8 to 15 feet in height which bears numerous small greenish wax flowers for 18 to 40 inches at the top, followed by seed pods 1 inch long.

Calochortus —————(?)

A most lovely wax-like, tulip-shaped, tri-colored, lily-like blossom from a bulb, edible and rich and sweet as a nut. Flower stem 6 to 12 inches high

Malvastrum Coccineum.

Perennial, from 1 to 2 feet high. Flowers delicate scarlet, profusely laden in June. Very showy and beautiful.

Lycium Pallidum.

A shrub from 2 to 5 feet high, highly laden in June with scarlet berries, sweet and rich, about the size of a small currant. Nice for drying.

shrub **Chilopsis Linearis.**

Is covered in June and July with tri-colored bloom, shape of the Catalpa, on long racemes, followed by pods a foot long, size of a quill. Very ornamental.

Lynosyrus Graveolens.

A dense shrubby plant laden with a heavy crop of yellow bloom in October,—good for late bee feed.

Prosopis juliflora **ACACIAS.** *Prosopis pubescens*
There are two varieties of Acacias; one is called MEZCREW, the other MESQUITE. The Mezcrew is a large shrub covered with an abundance of white spines; very graceful; foliage handsome; fruit in clusters resembling a curious screw, is valuable for feed and also used for distillation. The Mesquite is similar, but the spines are of a brown hue and the fruit is in a pod like a bean. Both varieties are good for hedges.

or tree **ŒNATHERA JOHNSONII.**

A beautiful dwarf plant with large bloom, two colors, white and yellow. Very desirable.

Great American BEE PLANT. *Oleome integrifolia*

There has been but a few varieties of Native Ferns discovered.

There are a great many other plants of annual growth which we cannot now enumerate, but which we could gather in their season, either for herbarium specimens or seeds for planting.

There are some 50 varieties of Cactacea native here, many of which can be furnished to order.

Also, we would state that as many of the above plants are difficult to obtain, we may, sometimes, be delayed in filling orders.

J.W. Carpenter, Printer & Publisher, St. George, Utah.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN